

Automation Products
UC20-WL2000-IOT**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
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Germany
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For modern IoT applications, automation technology needs to be increasingly more powerful and adaptable. u-mation offers a coordinated hardware portfolio designed for the future-proof preparation of your machines and systems. u-control 2000 is one of the most compact and state-of-the-art control systems on the market and is the centrepiece of our hardware portfolio. u-control 2000 forms the basis required for use of our engineering solutions u-create web, studio and IoT. The controllers modular design is based on the remote I/O system u-remote, and allows for needs-based expansion to include other components from the u-mation family.

General ordering data

Type	UC20-WL2000-IOT
Order No.	1334990000
GTIN (EAN)	4050118138290

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Technical data**Dimensions and weights**

Width	52 mm	Width (inches)	2.047 inch
Height	120 mm	Height (inches)	4.724 inch
Depth	76 mm	Depth (inches)	2.992 inch
Mounting dimension - height	128 mm	Net weight	0.01 g

Temperatures

Operating temperature, max.	60 °C	Operating temperature, min.	-20 °C
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Connection data

Type of connection	PUSH IN
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General data

UL 94 flammability rating	V-0
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Power supply

Current consumption from I _{IN} (power segment of the field bus coupler), typ.	116 mA	Feed current for I _{IN} (input current path), max.	5 A
Feed current for I _{OUT} (output current path), max.	5 A	Feed current for the system, max.	4,000 mA
Supply voltage for outputs	24 V DC +20%/ -15%	Supply voltage system and inputs	24 V DC +20%/ -15%

System data

Configuration interface	Micro USB 2.0	Connection type	2 x RJ45 plug-in connectors
Interface	2x Ethernet TCP/IP, 1x Micro USB	Memory (Flash)	4 GB, 32 GB via microSD
Module type	Controller	Processor	Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM
Real-time clock	Battery buffered	Transmission speed backplane bus, max.	48 Mbit
max. number of modules	64		

Classifications

ETIM 6.0	EC001603	eClass 6.2	27-24-26-10
eClass 9.1	27-24-26-08		

Approvals

ROHS	Conform
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Downloads

Product Change Notification	Release-Notes - IoT
Software	UC20 IoT Firmware
User Documentation	MANU UC20 WL2000-AC DE MANU UC20 WL2000-AC EN